



United States Air Force

Scientific Advisory Board

Prof. Robert W. MacCormack

Northrop Grumman



EDUCATION:

Stanford University

M.Sc., Mathematics, 1967

Brooklyn College

B.Sc., Physics and Mathematics, 1961

WORK EXPERIENCE:

Stanford University

Professor, Aeronautics and Astronautics, 1985-Present.

University of Washington

Professor, Aeronautics and Astronautics, 1982-1985.

Associate Professor, Aeronautics and Astronautics, 1981-1982.

NASA Ames Research Center

Senior Staff Scientist, Thermo- and Gas Dynamics Division, 1978-1981.

Assistant Chief, Computational Fluid Dynamics Branch, 1971-1978.

Research Scientist, Hypersonic Free Flight Branch, 1961-1971

AREAS OF EXPERTISE:

Developed computational procedures for solving hyperbolic and parabolic sets of equations. These procedures have been applied extensively to solve the equations governing compressible viscous fluid flow.

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS:

American Institute of Aeronautics and Astronautics, National Academy of Engineering, Naval Studies Board 1988-1990, National Academy of Sciences computational fluid dynamics committee (1982 and 1985) and fluid mechanics committee (1983-1984).
